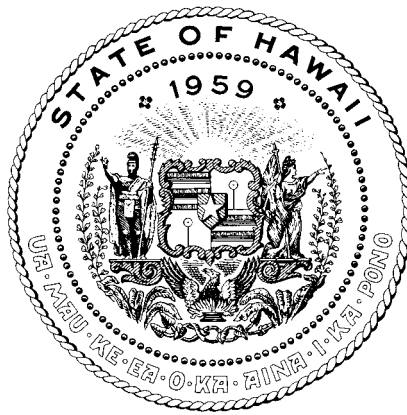


REPORT TO THE TWENTY-THIRD LEGISLATURE
2006 REGULAR SESSION
RELATING TO THE WILDLIFE REVOLVING FUND



PREPARED BY
THE STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
IN RESPONSE TO SECTION 183D-10.5, HAWAII REVISED STATUTES
HONOLULU, HAWAII
NOVEMBER 2005

**ANNUAL REPORT TO THE TWENTY-THIRD LEGISLATURE
REGULAR SESSION OF 2006
WILDLIFE REVOLVING FUND
FISCAL YEAR 2004-2005**

PURPOSE

Act 290, Session Laws of Hawaii 1991, amended Section 183D-10.5, Hawaii Revised Statutes (HRS) by adding a requirement for an annual report to be prepared by the Department of Land and Natural Resources (Department) on the status of the Wildlife Revolving Fund (WRF) and transmitted to the Legislature no later than twenty days prior to each regular session. The report is to include:

1. The source and application of monies deposited into the fund, including a description of the criteria and process used to determine funding priorities;
2. A description of programs and activities supported by the fund;
3. A summary of program highlights and accomplishments; and
4. A description of future program plans, including specific goals and objectives.

SOURCE OF FUNDS

Section 183D-10.5 (b), HRS, provides that proceeds from fees for hunting licenses; game bird farmer and Commercial Hunting Preserve licenses and fees; hunting guide licenses; hunter education training programs and use of public target ranges; fines collected for hunting or wildlife law violations; bail forfeitures; sale of articles required before hunting; and works of art may be deposited into WRF. For Fiscal Year (FY) 2004-2005, the major sources of revenue were hunting license sales, wildlife stamp sales, and game tags and application fees. Sources of revenues are detailed below:

FY 2005 REVENUE

Hunting License Sales	\$106,180
Wildlife Conservation Stamps and Artwork	76,503
Game Tags and Application Fees	78,450
Game Bird Stamp	40,675
Commercial Shooting Preserve Shooting Permits	4,275
Game Bird Farmer and Commercial Hunting Preserve License and Fees	450
Hunter Education Activities	3,091
Hunting Guide License Fees	765
Circuit Court Fines	75
District Court Fines	450
Sale of Maps and Publications	125
Interest	13,896
Reimbursements	<u>0</u>
TOTAL FOR FY 2005	\$324,935

Revenue for FY 2005 represented a \$20,363 (5.9%) decrease from comparable revenue from the previous year. No changes were made from last year in costs or categories of fees for any hunting program. Revenue did not meet the Department's authorized budget ceiling for the WRF of \$533,278. New expenditures totaled \$229,764. Expenditures did not include \$88,638 transferred out of the WRF, which was an amount used as security for a Habitat Conservation Plan (HCP) and not available for any other purpose. The cash balance at the end of the FY amounted to \$336,742 with outstanding encumbrances of \$126,481. Unencumbered cash available for carryover totaled \$190,836.

Status of WRF During FY 05 (S-05-343-C & S-05-344-C)

Beginning Cash Balance of Fund on July 1, 2004:	\$395,094
Less: Liquidation of outstanding encumbrances from prior years:	\$ 64,885
Less: Security for an HCP transferred out	\$ 88,638
Add: Revenues during FY 05:	\$324,935
Less: Expenditures during FY 05:	\$229,764
Cash Balance as of June 30, 2005:	\$336,742

Less: Unpaid encumbrances for FY05 as of June 30, 2005:	\$126,481
Less: Unpaid encumbered contracts for FY05 as of June 30, 2005:	\$ 19,425
Unencumbered Cash for carryover as of June 30, 2005:	\$190,836

FUNDING PRIORITIES

The WRF continues to be an important portion of the overall budget to meet obligations of state match and operating and salary expenses for wildlife projects. Because the major source of revenue in WRF is derived from sales of hunting licenses, wildlife stamps used to validate hunting licenses, and game tags and fees, priority was given to expenditures which benefited this user group. In budgeting for WRF, a policy of allotting approximately 85% of the budget for the hunting program has been in place and followed. Approximately 15% of the budget is allocated for nongame and wildlife sanctuary management.

Section 183D-10.5(e), HRS, also requires that the State first use WRF monies to "maximize the State's participation to secure federal funds under the Pittman-Robertson Federal Aid in Wildlife Restoration Act." Consequently, a priority was given to those expenditures that provided the state match for Pittman-Robertson (PR) projects.

Additionally, a major source of revenue during FY05 was game tag and application fees for specific hunts. The Department made a commitment to the hunting public to use those fees to support operations for the program where the fees were assessed. Revenue from tag and application fees was allocated to the Branch Offices of the Department's Division of Forestry and Wildlife (DOFAW) where the hunts occurred.

The allocation of operating funds to DOFAW's Branch Offices was done on a lump sum basis to be used on eligible projects in the most efficient manner possible.

Salary funds were divided among the Branches to provide each Branch a full time or part time general laborer position and to provide a clerk typist to manage the hunting license database. The operating funds were allotted to the Branches based on the respective branch wildlife program size and complexity, and amount of revenue generated from license, stamp, tag, and application fees. This allotment process put the decision on where and how to use WRF monies at the branch-operational level where they could be used on the most appropriate and pressing local needs.

PROCESS USED

1. The Department's Fiscal Office and DOFAW coordinated to determine the amount of the Fund available for allocation to DOFAW's Branch Offices.
2. At the beginning of the FY, a portion of the WRF budget was allocated to each DOFAW Branch Office, Honolulu Staff Office for Statewide projects and the Hunter Education Branch of the Department's Division of Conservation and Resource Enforcement. Allocations are based on the size and complexity of the wildlife program and amount of revenue generated by license sales, stamps, and tag and application fees. A portion of the funds are allocated for temporary personnel to maintain critical wildlife program functions such as hunting license sales data base management and general laborers to assist with wildlife projects.
3. Each Branch Office was instructed to use their WRF budget to benefit the resources and resource users within the criteria of compliance with the purpose of the WRF, the necessity to provide state-match requirements for PR projects if needed, and to fall within the percentage distribution for the game and non-game programs.
4. An emphasis was placed on using WRF for expenditures that provided needed infrastructure and improvements to public hunting areas, maintained or provided new public hunting opportunities, or addressed high priority conservation initiatives.
5. Purchase orders were identified and coded as "WILDLIFE REVOLVING FUND: S-05-343" to facilitate tracking and accountability.
6. Expenditures complied with approved categories of expenditures for WRF as established by The Board of Land and Natural Resources on August 13, 1993.

PROGRAM HIGHLIGHTS, ACCOMPLISHMENTS AND FUTURE PLANS

KAUAI SEGMENT

Hunting Season Management

Monies from the WRF were used to purchase game tag materials, the printing of game tags and instructions sheets, and the publication of legal notices regarding game bird and

game mammal hunting seasons. The new Waimea Heights and Puu Opae Sugar Cane Lands (5,500 acres) were again opened for game bird hunting.

Accomplishment: Materials were produced, made available, and distributed; and hunting seasons and rules were announced. Expenditures incurred*: \$7,637

*Expenditures incurred=expenditures + encumbrances in FY05

Game Operations and Maintenance (O & M)

Funds were used to purchase various tools and equipment such as a portable welder and electrical tools. Funds were also used to purchase office supplies and to support the game hunting program with a temporary General Laborer (GL).

Accomplishment: Improve conditions for game birds and provide for relocating game birds as appropriate. Expenditures incurred: \$3,752

Motor Vehicle Repairs and Purchase

Funds were used to repair and maintain DOFAW's Wildlife Section motor vehicle fleet to keep vehicles in good running condition.

Accomplishment: Kept vehicles running in good condition. Expenditures incurred: \$670

Volunteer Program

Funds were used to purchase volunteer incentives such as T-shirts. Volunteers who participated on wildlife projects this year were given either a DOFAW coffee mug or T-shirt.

Accomplishments: Various non-game and game wildlife projects that required manpower and labor were accomplished using volunteers from the hunting community. Expenditures incurred: \$963

Travel and Subsistence

Funds were also used for off-island travel and subsistence during the annual statewide DOFAW meeting held on Oahu this year.

Accomplishment: Provided a better understanding of non-game and game wildlife issues and challenges faced by State wildlife biologist and foresters. Expenditures incurred: \$958

Commissions on Hunting License Sales

WRF monies were used to pay vendors their commission on the sale of 2004-2005 Hawaii Hunting Licenses.

Accomplishment: Hunting licenses available and sold by vendors. Expenditures incurred: \$2,018

Total WRF expenditures incurred for Kauai: \$15,998

Future Program Plans:

1. Employ temporary hire personnel to assist on game development, maintenance and management projects as necessary - \$12,000 (50% WRF)

2. Provide for the administrative costs, such as legal notices, printing and administration of game tags, announcements of hunting season changes, and additions of new hunting areas - \$5,000 (100% WRF).
3. Continued rearing and release of game birds in Kekaha Game Management Area (GMA) if drought conditions require it. The purchase of incubators, hatchers and other support equipment and supplies will be needed to operate hatchery instead of purchasing day-old pheasant chicks due to new restrictions regulating the transportation of live birds in the State of Hawaii - \$20,000 (100% WRF).
4. Incremental development of a public archery/rifle target range at Hanahanapuni - \$5,000 (100% WRF)
5. Purchase of a pickup truck to replace a vehicle that is beyond economical repair to be used in the conduct of both game and non-game programs on Kauai - \$5,000 (30% WRF)
6. Purchase of fencing material to re-establish a fence between the Unit A-Kekaha GMA and agricultural fields of the Mana Plains to prevent game mammals and wild cattle from damaging crop fields. The fence line is approximately eight miles long and may require installing one mile of fence per year. \$8,000 (50% WRF).
7. Trap up to 100 feral goats from Nualolo Kai State Park and translocate to the Kekaha GMA. The translocation of goats is necessary to keeps numbers to a minimal in the park. \$8,000 (50% WRF).

OAHU SEGMENT

The objectives of the wildlife program segment on Oahu were as follows:

1. To maintain and enhance wildlife habitat and facilities on Oahu public hunting areas (PHA's), game management areas (GMA's), and wildlife sanctuaries.
2. To improve game bird and game mammal hunting opportunities on Oahu.

Game Bird Enhancement on Oahu.

The United States Department of Agriculture (USDA) Wildlife Services Branch was contracted to perform year-round predator control services in the Kuaokala GMA. A portion of the work was funded by the WRF to protect game birds in the area.

Accomplishment: Mongooses, feral cats and feral dogs were removed. Expenditures incurred*: \$8,155

*Expenditures incurred=expenditures + encumbrances in FY05

900 pounds of wild bird feed was spread along dirt access roads in Kuaokala and Waimano Public Hunting Areas. Expenditures incurred: \$417.

Four gas-powered weed-eaters were purchased to support the volunteer program at Kuaokala GMA. Volunteers put in 450 hours during the year maintaining water units and other habitat improvement projects. Expenditures incurred: \$1,475

Hunting Area and Wildlife Sanctuary Habitat and Facilities Improvements

A landscape company was hired to perform 20 hours of maintenance work at Hamakua Marsh State Wildlife Sanctuary in support of the endangered Hawaiian water birds that feed and nest in the area. Expenditures incurred: \$1,693

Four large entry signs were purchased and installed at Makua Keaau and Waimano Public Hunting Areas. Expenditures incurred: \$1,314

Purchase of a pickup truck to replace a vehicle that is beyond economical repair to be used in the conduct of both game and non-game programs on Oahu. Expenditures incurred (contract): \$19,425 (80% WFR)

Two wildlife assistants were hired to perform operations and maintenance work on Oahu public hunting areas and wildlife sanctuaries. Expenditures incurred: \$11,387

Contract created, encumbered and invoiced for GL through the Research Corporation of the University of Hawaii (RCUH) to perform operations and maintenance work on public hunting areas and wildlife sanctuaries. Expenditures incurred: \$39,310

Commissions on Hunting License Sales

WRF monies were used to pay vendors their commission on the sale of 2004-2005 Hawaii Hunting Licenses.

Accomplishment: Hunting licenses available and sold by vendors. Expenditures incurred: \$3,698

Total WRF expenditures incurred for Oahu: \$86,874

Future Program Plans

1. Continue with WRF temporary personnel to perform tasks targeted towards the ongoing management of Oahu District wildlife management areas - \$40,000 (100% WRF).
2. Contract the USDA Wildlife Services Branch to hold and transport Gray and Black Francolins from Molokai to Oahu for release in public hunting areas - \$6,638 (100% WRF).
3. Purchase equipment and supplies needed for ongoing O & M in Oahu Wildlife Management Areas - \$15,000 (100% WRF).
4. Conduct boundary survey of wildlife management areas - \$15,000 (100% WRF).
5. Management facilities planning and development - \$20,000 (100% WRF).

MAUI SEGMENT

Lease of Cooperative Game Management Area-Lanai

Objective: Provide 30,000 acres of land on Lanai for sport hunting and wildlife management.

Accomplishment: The entire annual lease rental for the Lanai Cooperative GMA was paid via WRF monies. Expenditures incurred*: \$35,000

*Expenditures incurred=expenditures + encumbrances in FY05

Lease of Lands for Hunting Unit C - Maui

Objective: To maintain a lease of 1,000 acres of ranch lands lying between portions of the Kula Forest Reserve Hunting Unit C for sport hunting and wildlife management.

Accomplishment: A portion of the lease rental for the Kaonoulu Ranch Cooperative GMA was paid with WRF monies, providing 1,000 acres for sport hunting and wildlife management on Maui. Expenditures incurred: \$600

Contract Services-Data/Lanai Hunts

Objective: With the shortage of clerical staff, coupled with high interest and participation in the Lanai Axis Deer and Mouflon Sheep hunts on Lanai, it became necessary to contract outside support to assure all lottery and non-lottery hunt applications were processed in a timely manner.

Accomplishment: A total of 3,846 hunter applications were received for the two Lanai hunts, and all applicant data was entered, with duplicate applications identified and deleted. Lottery drawings were conducted for muzzleloading and general rifle hunts for both the Axis Deer and Mouflon Sheep hunts, with results compiled and disseminated in a timely manner. Expenditures incurred: \$1,930

Full time / Temporary GL-Lanai

Objective: To assist the Lanai Forestry and Wildlife Technician with the upkeep and maintenance of 27 miles of water unit pipeline and 54 miles of access roads in the Cooperative GMA.

Accomplishment: Access roads and pipeline units were maintained and kept functional during the entire time period. Expenditures incurred: \$38,774

Contract created, encumbered and invoiced for GL through RCUH to continue above activities. Expenditures incurred: \$9,239

Temporary – Full Time Wildlife Assistant-Maui - RCUH

Objective: To continue to maintain a temporary full time position originally funded via Natural Area Partnership Program's (NAPP) monies as part of the management scheme for the East Maui Watershed Partnership area to assist in the hunter access program, maintenance of the access road system, signage replacement, transect monitoring, and the gathering and collating of hunter harvest data. Half of this position was funded via WRF.

Accomplishment: Objectives achieved. Expenditures incurred: \$6,975

Game Mammal Survey-Lanai

Objective: To conduct game mammal aerial surveys annually over the 30,000-acre Cooperative GMA on Lanai. The results of the survey are necessary to present to the Cooperator in order to set seasons and bag limits for the two game mammal hunts on Lanai. Accomplishments: Axis Deer and Mouflon Sheep were surveyed by helicopter and the results of the surveys presented to the Cooperator. Expenditures incurred: \$7,929

Management of the Lottery Hunts-Lanai

Objective: To prepare and print documents and drawing work for the Axis Deer and Mouflon Sheep hunts on Lanai.

Accomplishment: Application cards, instruction sheets, and addendums were printed and distributed; and the lottery was successfully completed. Expenditures incurred: \$4,500

Game Mammal Facilities O & M-Lanai

Objective: To transport personnel to Lanai for the upkeep and maintenance of the pipeline water units, especially when the location of breaks must be determined somewhere along 27 miles of pipeline.

Accomplishment: Personnel from Maui and Molokai were sent over to Lanai to maintain water units and repair breaks as required. Personnel also assisted with hunter check station operations. Expenditures incurred: \$37,694

General Game O & M

Objective: To fund unanticipated costs within the District including supplies and services to maintain hunter access and equipment necessary for the continued operation of game facilities, including printer for and repairs to the Lanai office.

Accomplishment: Signs were repaired and replaced as necessary, and office equipment and repairs were provided. Expenditures incurred: \$1,043

Commissions on Hunting License Sales

Objective: WRF was used to pay the commission to vendors for the sales of the 2004-2005 Hawaii Hunting Licenses. Expenditures incurred: \$5,389

Total WRF expenditures incurred for Maui District: \$149,073

Future Program Plans

1. Fund land lease on Lanai - \$35,000 (100% WRF)
2. Fund land lease on Maui - \$2,600 (25% WRF)
3. Fund Lanai Check Station overtime for Forestry and Wildlife Technician V Position - \$2,500 (100% WRF)
4. Fund GL I position for Lanai for facility upkeep and maintenance - \$22,700 (100% WRF)
5. Fund game mammal facilities Development and O & M on Lanai - \$10,000 (100% WRF)
6. Fund game mammal surveys on Lanai - \$8,000 (100% WRF)
7. Fund Koolau Ungulate Monitoring Project - \$38,000 (25% WRF)
8. Fund repair and maintenance of Lanai vehicles - \$1,000 (50% WRF)
9. Fund management of lottery hunts on Lanai; document printing, data input and drawings - \$10,000 (100% WRF)
10. Fund signage for areas closed to hunting on Lanai - \$1,000 (100% WRF)
11. Fund temporary full-time Wildlife Assistant position - Maui (RCUH) - \$8,000 (100% WRF)
12. Fund GL I position for Lanai hunter check station work - \$10,000 (100% WRF)
13. Fund tractor rental for habitat improvement in Unit 3 on Lanai-\$20,000 (25% WRF)

EAST HAWAII SEGMENT

General Laborer Positions:

The half-time GL II remained unfilled during the year. A description of duties was prepared as well as an interview sheet.

Accomplishment: Necessary preparations were completed. Expenditures incurred*: \$0

*Expenditures incurred=expenditures + encumbrances in FY05

Wildlife Habitat Management:

The Nene habitat at Keaau and along seven miles of adjacent coastline was opened for Nene to graze. Predators were trapped, poisoned or shot. Human intrusion was controlled by fencing and cautionary advisories. The work involved in-kind matching contributions using volunteer and prison labor which qualified for PR cost sharing.

Accomplishment: Habitat was expanded to accommodate nene expansion. Expenditures incurred: \$1,408

Wildlife O & M:

Approximately 19,000 acres of State leased lands were opened in bulldozer strips, cleared and planted to improve game bird habitat in cooperation with Kapapala Ranch.

Fertilizers and insecticides were used on food crop plantings. Predators were removed by trapping and the use of rodenticides. Hunter volunteers helped build ranch fences and water troughs to improve grazing of former sugarcane lands, as a means of habitat improvement in game bird hunting areas.

Accomplishment: Thousands of acres of game bird hunting area were improved.

Expenditures incurred: \$5,564

Commissions on Hunting License Sales:

WRF monies were used to pay commissions to vendors on the Island of Hawaii for sales of the 2004-2005 Hawaii hunting licenses. Expenditures incurred: \$3,438

Motor Vehicle Repairs, Maintenance, and Equipment

Funds were used to repair and maintain DOFAW's Wildlife Section motor vehicle fleet, to keep vehicles in running condition. A radio was installed.

Accomplishment: Kept vehicles running in good condition. Expenditures incurred*: \$9,234

Total WRF expenditures incurred for East Hawaii: \$19,644

Future Program Plans

1. Utilization of the part-time GL to assist with a planned wild cattle hunt in November, 2006. Although the feral cattle hunt coincides with the game bird season, services will continue with the extra help. The GL is to do predator control, boundary posting, and will attend to wildlife food crop projects- \$15,000 (50% WRF)
2. Maintain existing cooperative hunting areas and leased Kamehameha Schools land in the condition as prescribed in agreements of tenure - \$10,000 (100% WRF)
3. Develop habitat in state lease areas for game birds and mammals to expand hunting

opportunities on appropriate State lands. Development includes gorse removal, and fencing - \$10,000 (100% WRF)

4. Staff will continue to attend and give instruction at Hunter Education classes and assorted hunter focused interest group meetings, to explain wildlife activities and promote wildlife stamp sales to support the WRF - \$5,000 (100% WRF)

WEST HAWAII SEGMENT

Equipment Purchase

A rifle scope with rings, a purchase order printer, a typewriter, a gun safe, three portable radios, two computers, and two mobile radios were purchased for the West Hawaii Wildlife office. Expenditures incurred*: \$14,823

*Expenditures incurred=expenditures + encumbrances in FY05

Game O & M

A Forestry and Wildlife Worker II was employed for hunter checking station work and other game management efforts. Dozer hauling and repairs to the 5 ton dump truck were also paid for through this account. Parts for the construction of a water trailer were purchased and the Big Island Bird Hunter's club will build the trailer that will eventually be used to service water units. Tires for vehicles were also purchased. A private vendor was hired for predator control services conducted in Kaohe GMA.

Accomplishment: Road repairs to the Puu Waawaa hunter access road were completed and predators removed. Expenditures incurred: \$27,197

Game Program Coordination

Sheep and goat tags were purchased for the Puu Waawaa/Puu Anahulu game mammal hunting seasons. Legal notices for the Big Island Country Club Special Youth and Disabled Hunter Season and the special pig hunt in Puu Waawaa were paid for from this account. Aerial game surveys were also paid for out of this account. Portable toilets were also provided for some game bird hunting areas. Overtime costs to sell hunting licenses in Kona were also encumbered from this account.

Accomplishment: Tags were provided, legal notices published, game surveys completed, and sanitation enhanced. Expenditures incurred: \$20,758

Contract created, encumbered and invoiced for GL through RCUH to continue above activities. Expenditures incurred: \$32,000

Total WRF expenditures incurred for West Hawaii: \$94,778

Future Program Plans

1. Purchase a used truck for O & M on water units, water systems, and other facilities in GMA's - \$10,000 (100% WRF)
2. Build two new water units in the Puu Waawaa CGMA - \$12,000 (100% WRF)
3. Hire a full-time GL for O & M - \$32,000 (100% WRF)
4. Pay for legal notices of hunting announcements - \$3,000 (100% WRF)

5. Contract helicopter services for game surveys - \$10,000 (100% WRF)
6. Rent portable toilets for use in high demand hunting areas-\$600 (100% WRF)

STATEWIDE ADMINISTRATIVE SEGMENT

Hunting License, Wildlife Conservation Stamp, and Game Bird Stamp Production, Program Sales, and Management:

A portion of the production costs for the FY06 Hawaii Hunting License, Duplicate License, Wildlife Stamp, and Game Bird Stamp were paid from WRF monies.

Expenditures included some of the printing and shipping costs of new licenses and stamps, and a small portion of the printing costs of purchase orders.

Expenditures incurred: \$8,111

Notification of hunting season openings and changes:

The game bird season announcement, with some bag limit adjustments and new weekday hunting additions in some areas, was published as a legal notice. Expenditures incurred:

\$1,192

WRF total expenditures incurred for Statewide Administration: \$9,303

Future Program Plans

1. Publish notification of game bird hunting season announcement - \$1,400 (100% WRF)
2. Provide for the costs of producing the FY06 hunting license, duplicate license, Wildlife Conservation Stamp, and Game Bird Stamp - \$7,700 (75% WRF)
3. Contract with RCUH for a half-time position to assist with statewide game coordination and management-\$18,000 (50% WRF)
4. Provide new computers and printers for on-line license sales at District offices - \$8,000 (100% WRF)